



# *AFSPC Strategic Master Plan* (SMP)

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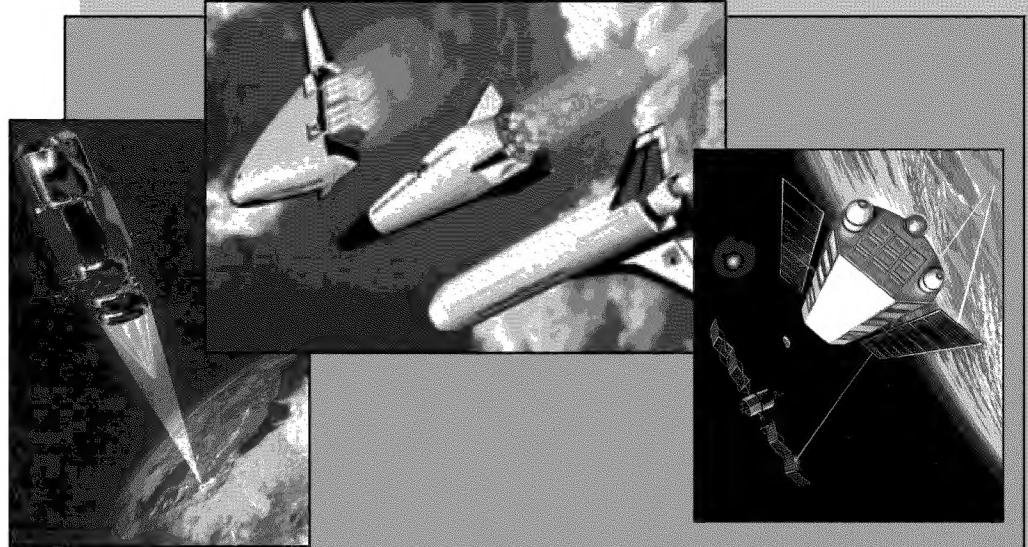
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# *What is the SMP?*

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## • Culmination of AFSPC Planning Process

- Produces Fiscally Responsible Investment Strategy to Achieve the AFSPC Vision
- Analytical Basis for Requirements Definition
- An Institutionalized Means of Integrating AFSPC, SMC, & AFRL Space & Missile RD&A



# *Overview*

- CC Intent
- AFSPC Vision
- FY04 Strategic Master Plan Strategy
- Integrated Planning Process
- Collaborative Planning Efforts



# CC Intent - FY04 Planning Cycle

## Result of a Command Strategic Focus Day

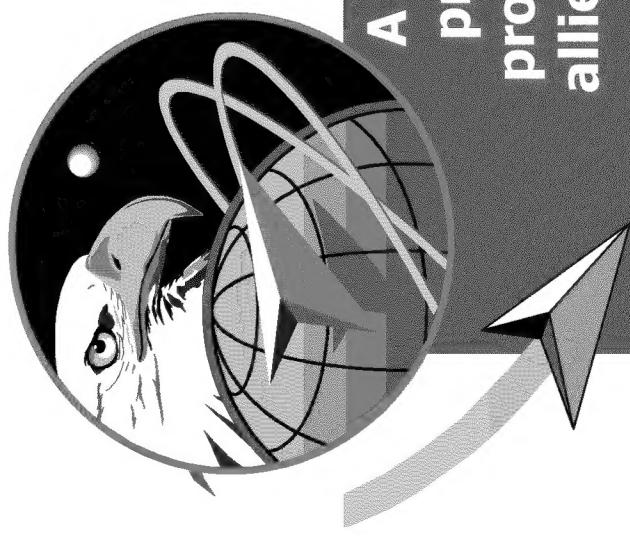
- CC's Intent
- Space Superiority
  - Continue to improve capabilities
  - Develop offensive and defensive counterspace
- Cyber Dimension
  - “High Ground” now in Space
  - Global real-time situational awareness
  - Exploit incredible amounts of data and apply a Tasking, Processing, Exploitation and Dissemination (TPED) philosophy
- Strategic Deterrence
  - Asymmetric threat
  - Modernize our strategic deterrence capabilities



# *AFSPC Vision*



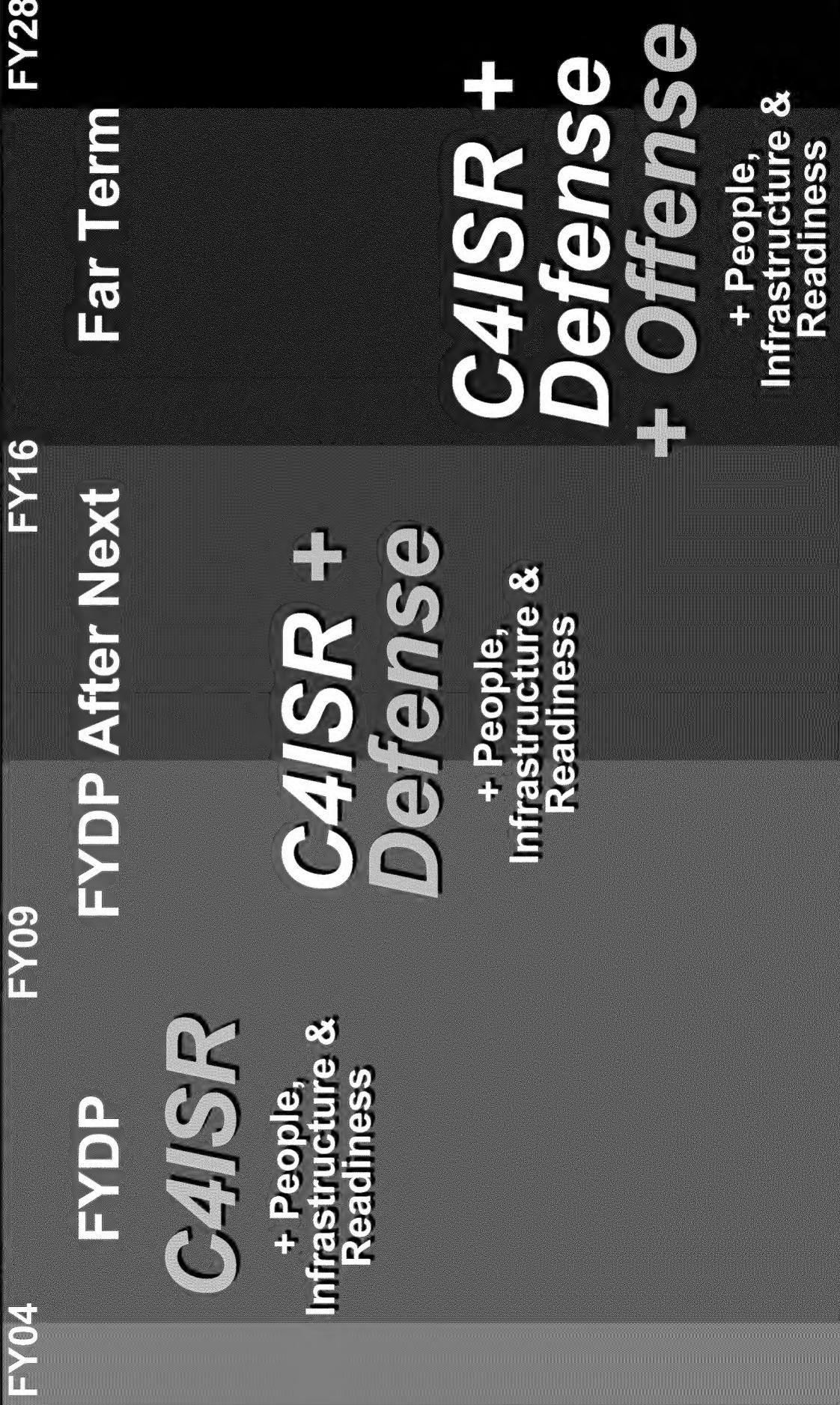
## *Air Force Space Command Vision*



**A globally integrated aerospace force  
providing continuous deterrence and  
prompt engagement for America and its  
allies ... through control and exploitation  
of space and information**



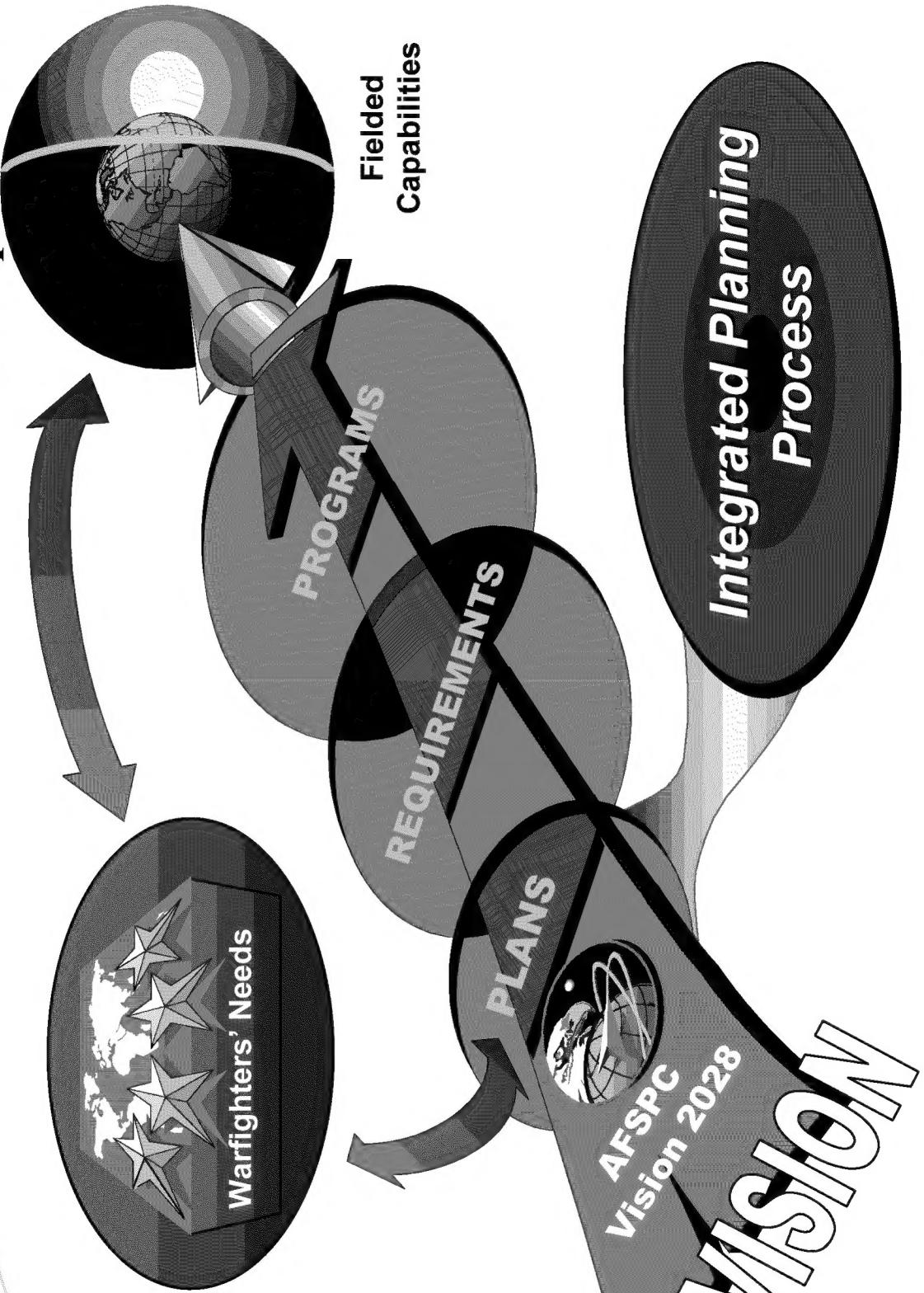
## *Strategy to Implement the Vision*





# Achieving the AFSPC Vision

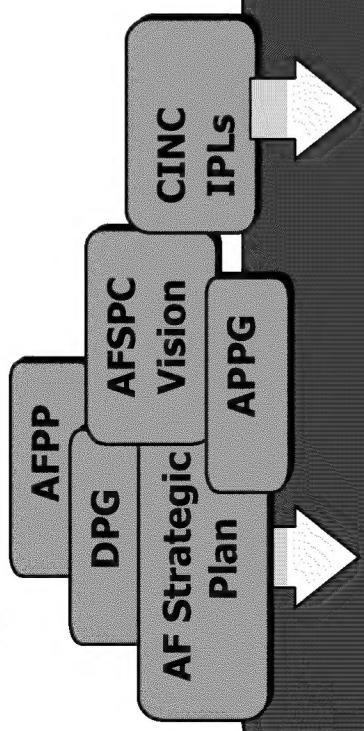
Aerospace Force



**AF-Vision**  
AFSPC  
Vision 2028

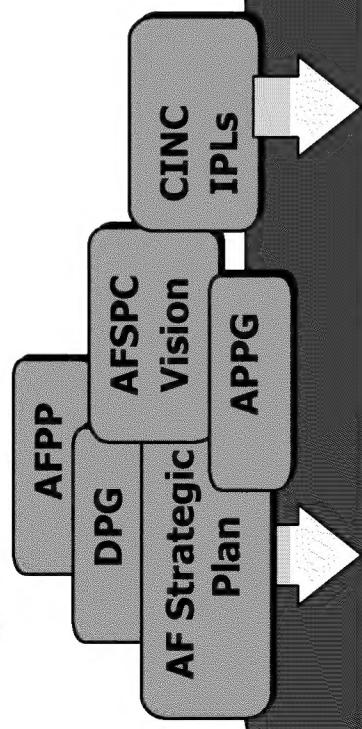


# *Integrated Planning Process (IPP)*





# Integrated Planning Process (IPP)

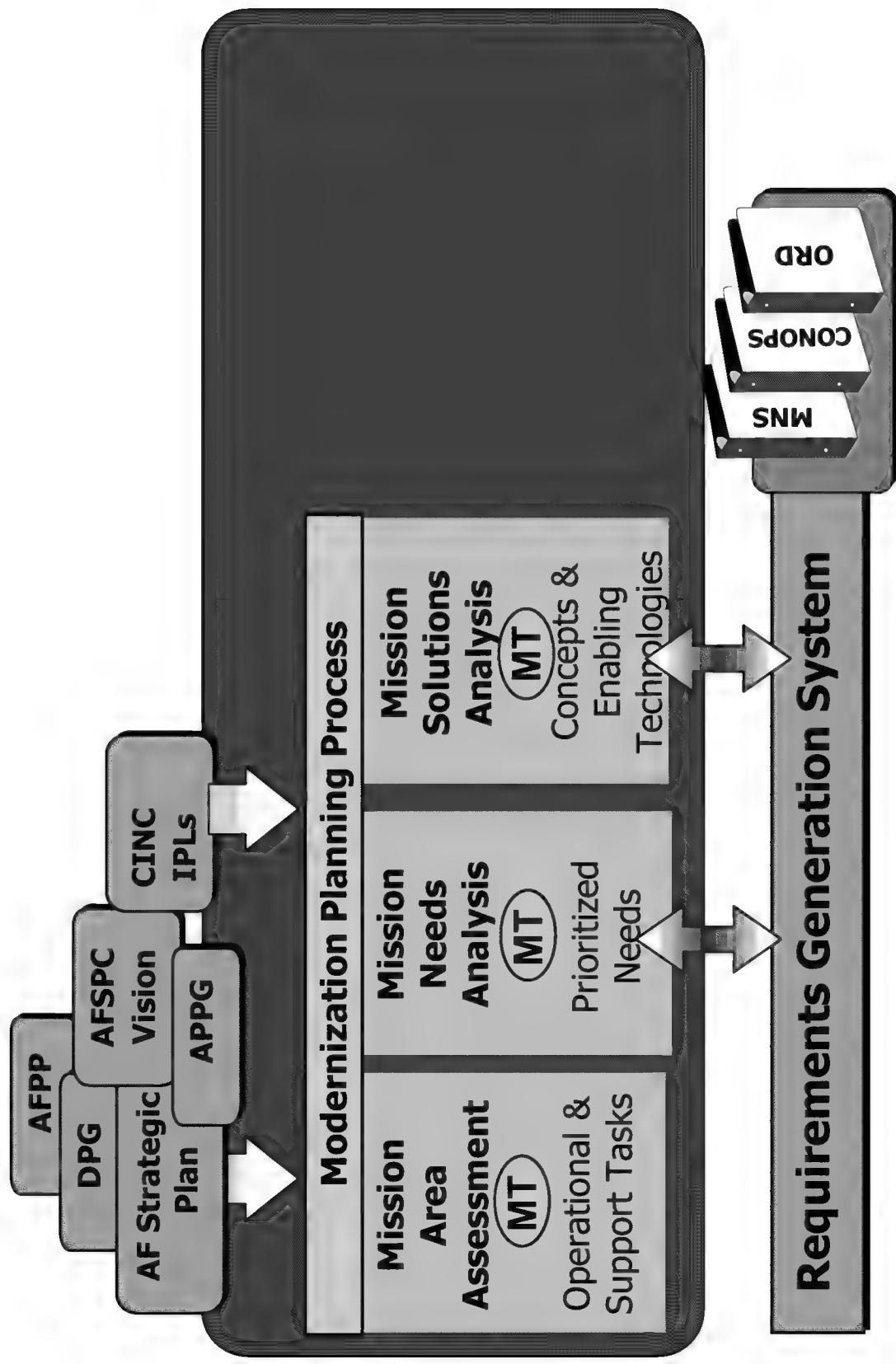


## Modernization Planning Process

Mission Area Assessment	Mission Needs Analysis	Mission Solutions Analysis
(MT) Operational & Support Tasks	(MT) Prioritized Needs	(MT) Concepts & Enabling Technologies

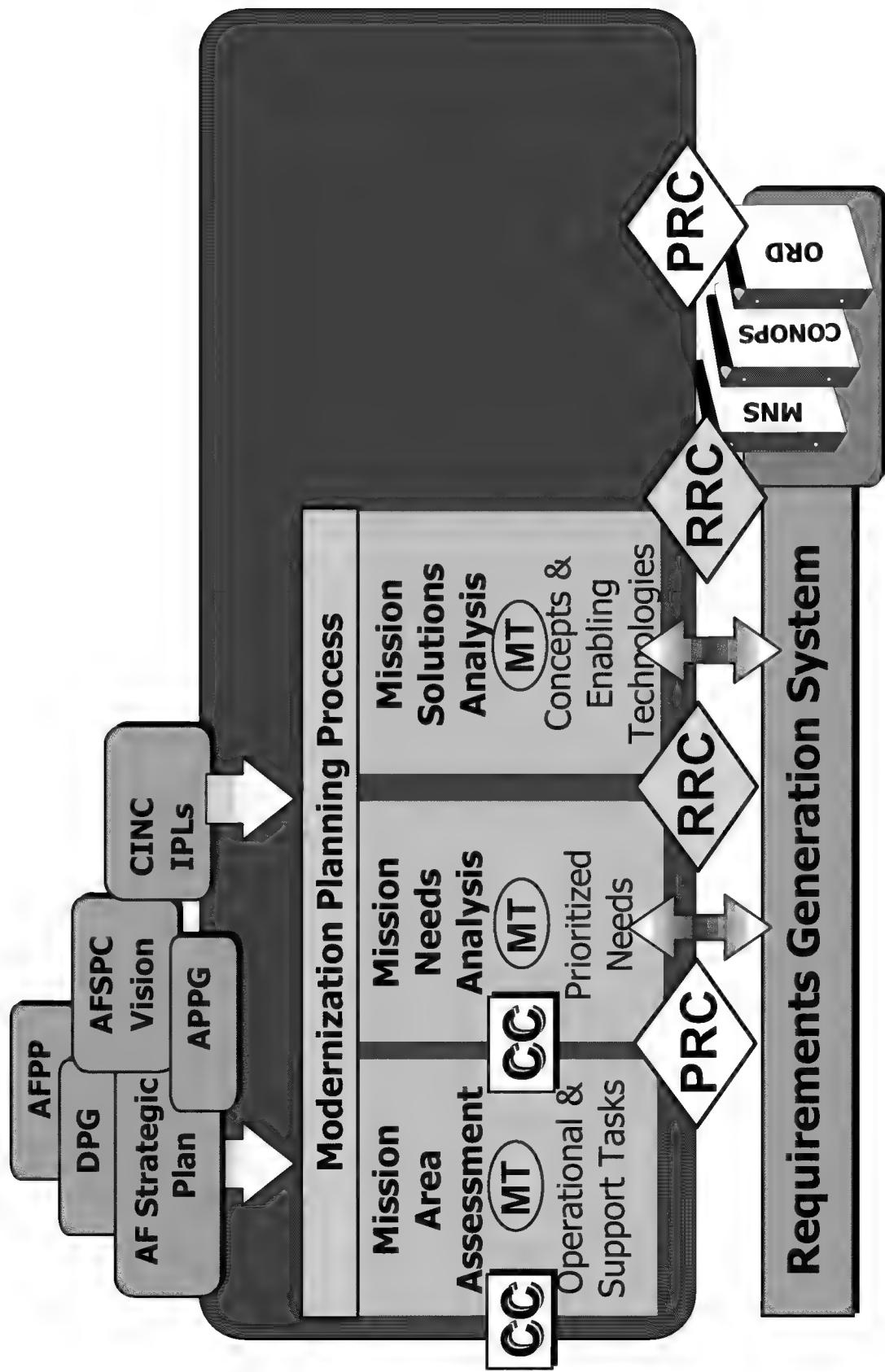


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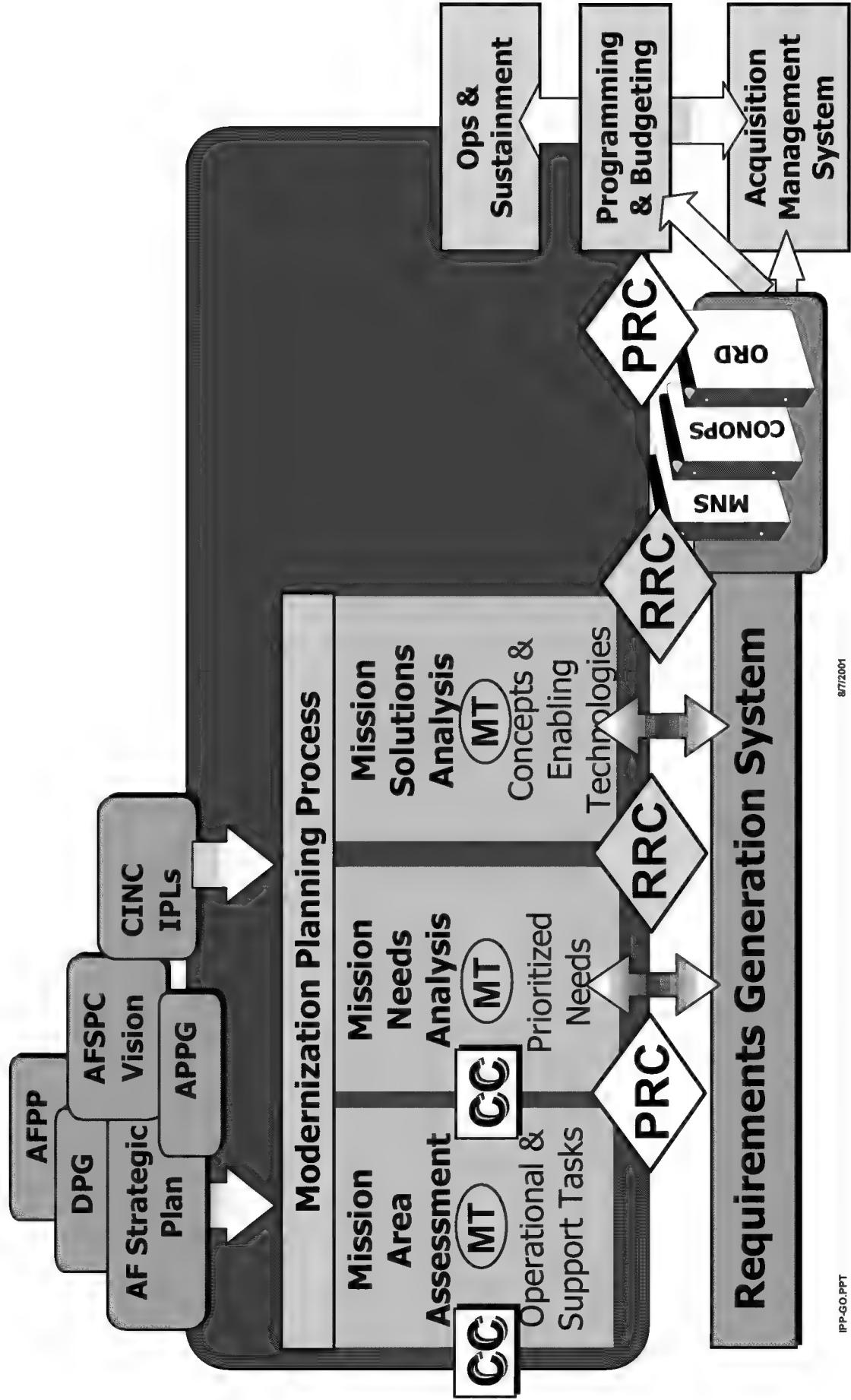


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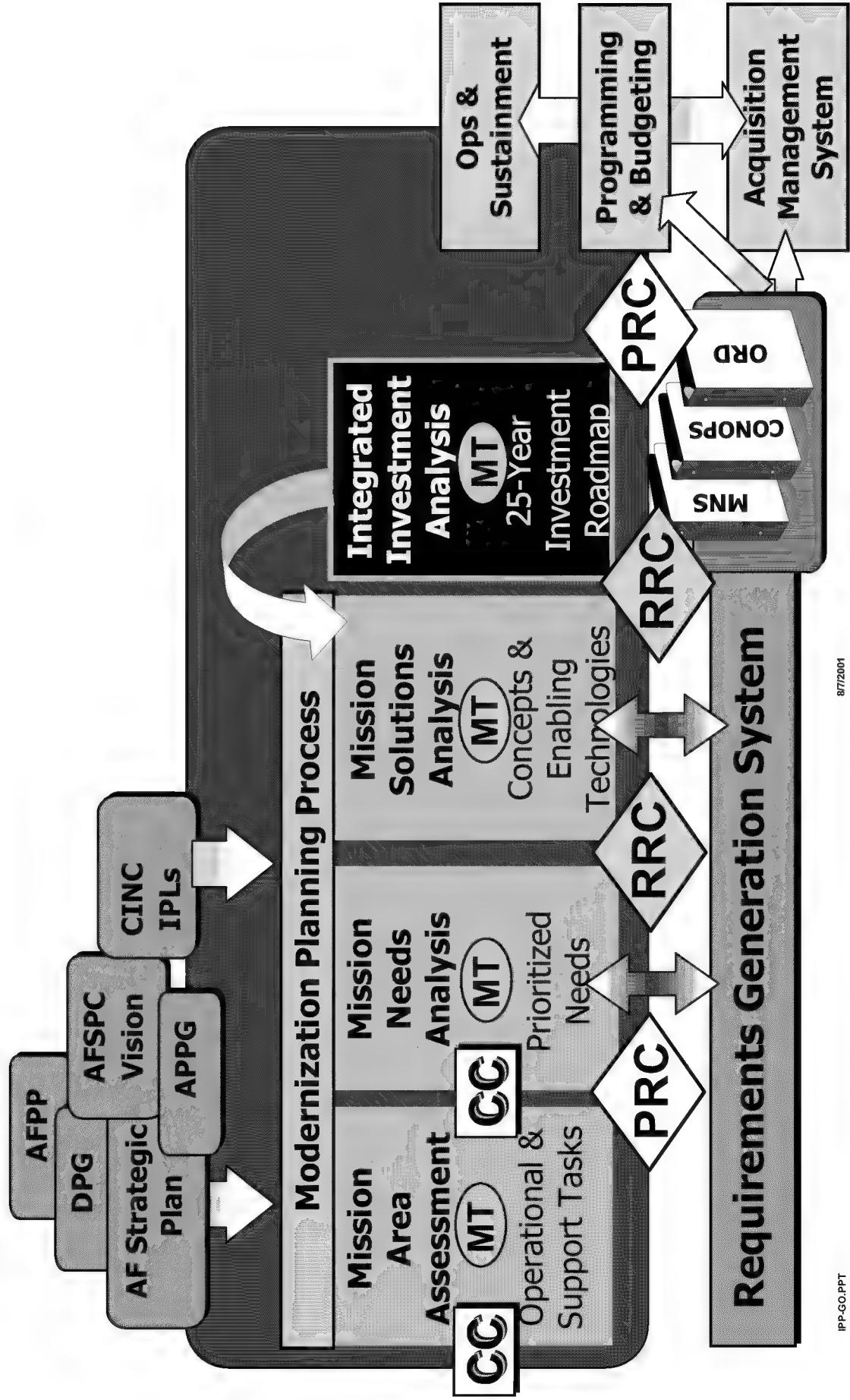


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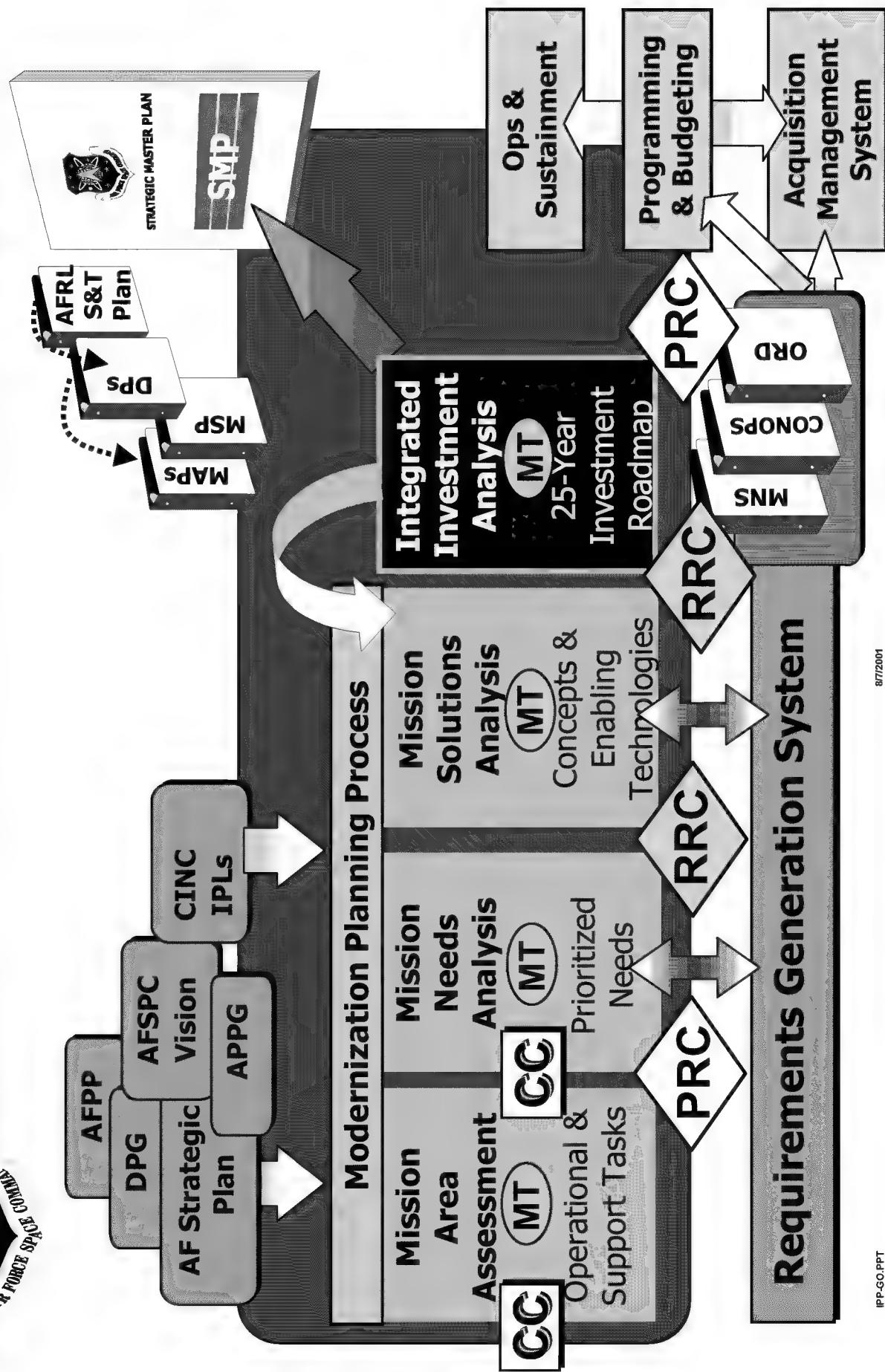


# Integrated Planning Process (IPP)



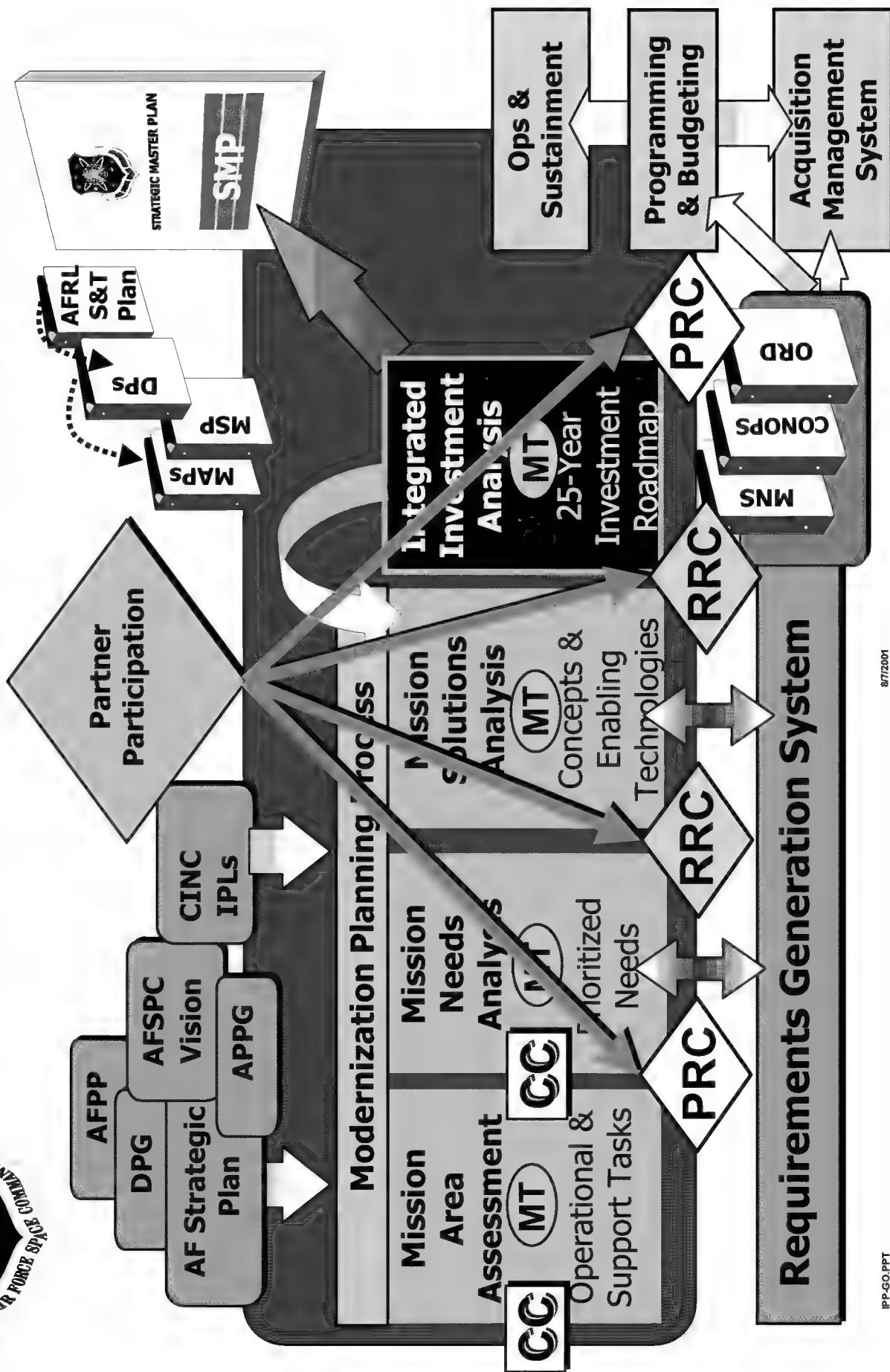


# Integrated Planning Process (IPP)





## **Integrated Planning Process (IPP)**





## *FYDP Priority Tasks: C4ISR Focused*

**FY04**

### FYDP Emphasis

- Provide Battlespace Information
- Provide Command & Control (C2) of AFSPC Assets
- Provide Communication Services
- Provide Navigation Services
- Protect Space Capabilities

**FY09**

**FY16**

**FY28**

### FYDP Sustainment Areas

- People
- Infrastructure
- ICBM Sustainment
- Operate & Maintain Space Assets
- Provide Access to Space
- Prevent Exploitation of Friendly Space Assets
- Conduct FDE (e.g., Space Test Range)
- Conduct / Develop Operational Wargames, Experimentation, and Training Systems
- Innovative Thought / Analysis

# *FYDP After Next Priority Tasks:*



*C4ISR + Defense Focused*

**FY04**

**FY09**

**FY16**

**FY28**

## FYDP After Next Emphasis

- Provide Battlespace Information
- Provide C2 of AFSPC Assets
- Provide Navigation Services
- Protect Space Capabilities
- Deter WMD Attack and Coercion
- Neutralize Missile Launches
- Neutralize Adversary Space Capabilities

## FYDP After Next Sustainment Areas

- People
- Infrastructure
- ICBM Sustainment
- Operate & Maintain Space Assets
- Provide Access to Space
- Prevent Exploitation of Friendly Space Assets
- Conduct FDE(e.g., Space Test Range)
- Conduct / Develop Operational Wargames, Experimentation, and Training Systems
- Innovative Thought / Analysis

**+**

- Provide Communication Services

# *Far Term (FY28) Priority Tasks:*



## *Offense Focused*

FY04

FY09

FY16

FY28

### *Far Term Emphasis*

- Neutralize Missile Launches
- Neutralize Adversary Space Capabilities
- Neutralize Terrestrial Targets
- Neutralize Airborne Targets
- Provide Responsive Access to Space
- Provide On-Orbit Servicing

### *Far Term*

#### *Sustainment Areas*

- Provide Battlespace Information
- Provide C2 of AFSPC Assets
- Provide Nav Services
- Protect Space Capabilities
- Deter WMD Attack and Coercion



- Provide Battlespace Information

- Provide Comm Services
- Provide Infrastructure
- ICBM Sustainment
- Operate & Maintain Space Assets
- Provide Access to Space
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- Conduct FDE
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# Space Missions



- On-Demand ISR
- Pre-Strike Planning
- BDA
- Sensor- to -Shooter
- Flexible Constellation
- Unpredictable Orbits
- Ground & Marine Sensor

## Force Enhancement



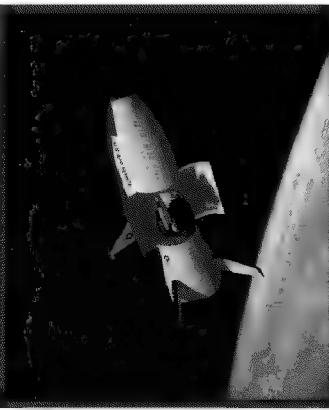
# Space Missions

- Global Precision Strike
  - Large Footprint
  - Centers of Gravity
  - HDBT Defeat
  - WMD Defeat
  - CONUS Based
  - Time-to-Target - mins



## Force Application

- On-Demand ISR
- Pre-Strike Planning
- BDA
- Sensor- to -Shooter
- Flexible Constellation
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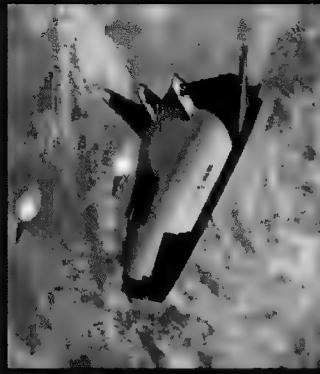


## Force Enhancement



# Space Missions

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## Force Application

- On-Demand ISR
- Pre-Strike Planning
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## Force Enhancement

- Cost Effective Lift
- Reusable Booster
- Life Cycle Savings
- Launch on Demand
- Launch to Sustain
- Recover Space Assets
- On-orbit Servicing
- Support Testing

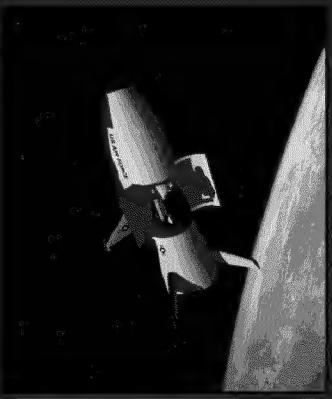


## Space Support



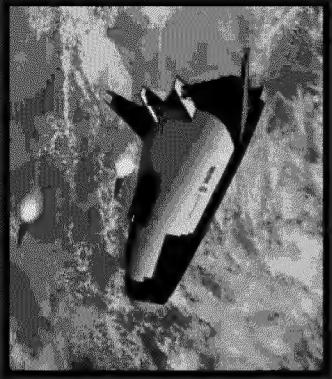
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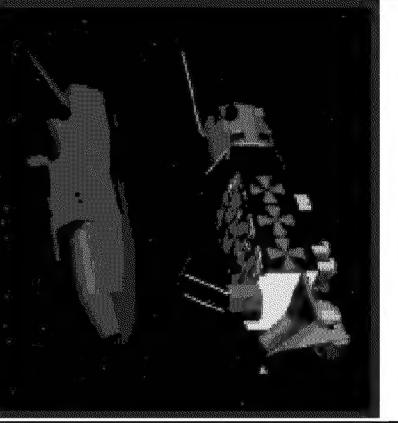
## Force Enhancement

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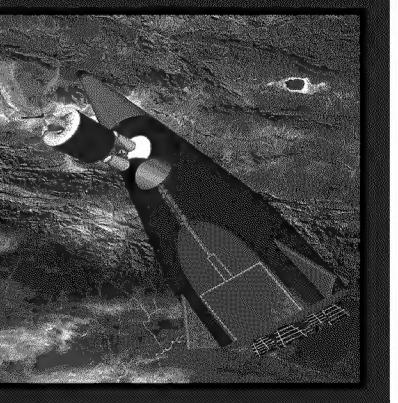


## Force Application

- Defensive Counterspace
  - Satellite Protection
  - Offensive Counterspace
  - On-board Jamming
  - Sensor Blinding
  - Space Situational Awareness
  - Space Object Identification



## Space Control



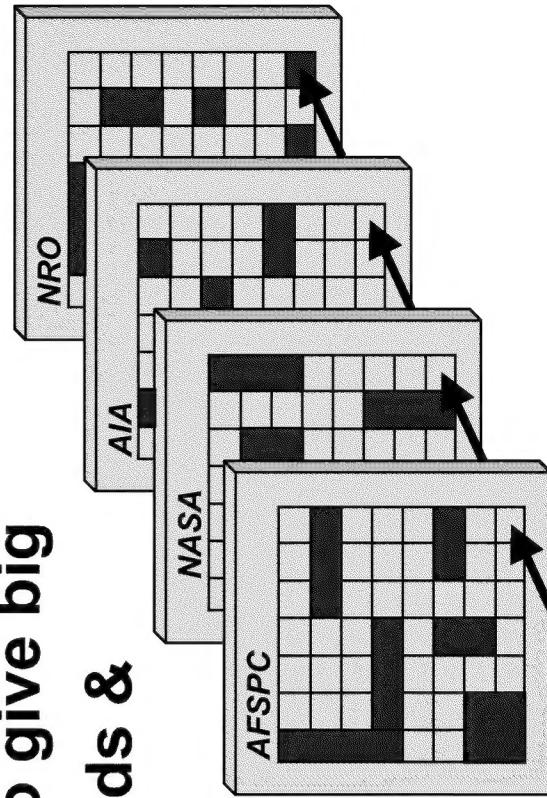
## Space Support

- Cost Effective Lift
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- Support Testing



# *Collaborative Planning*

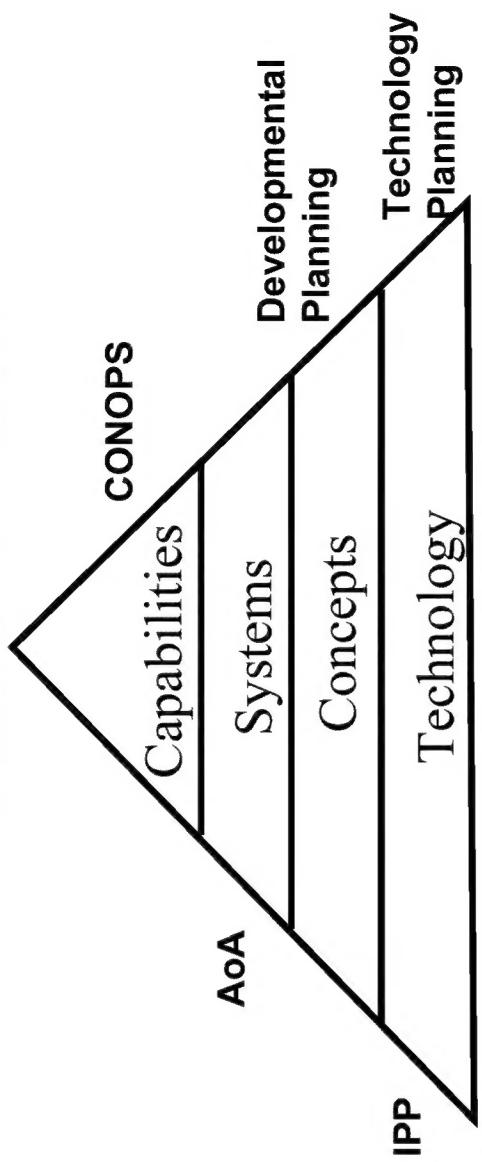
- Collaborative planning is a primary objective for FY04 IPP cycle
  - Working with our strategic partners (NRO, AIA, NSSA, NASA, ACC, BMDO, AC2ISRC, other services)
  - Integration across partners to give big picture view of capability needs & investment opportunities





# Collaborative Planning Goals

## Capability Foundation



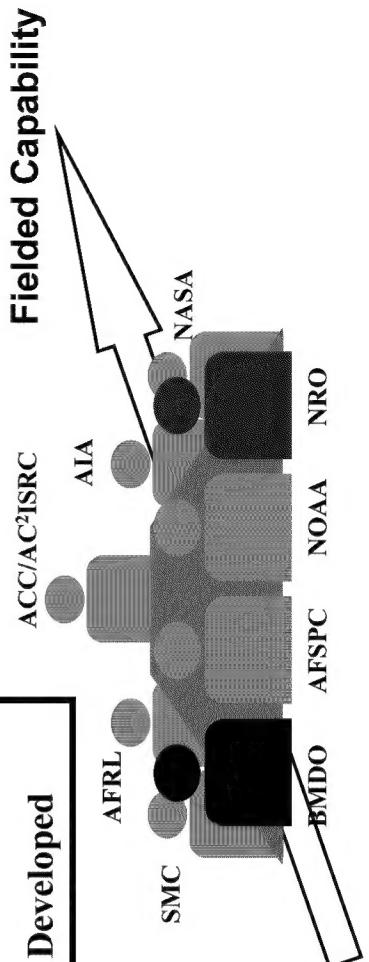
## Today:

- Independent Processes
- “Systems” Focus
- “Partnering” difficult
- Sub-optimized Decisions

## Tomorrow:

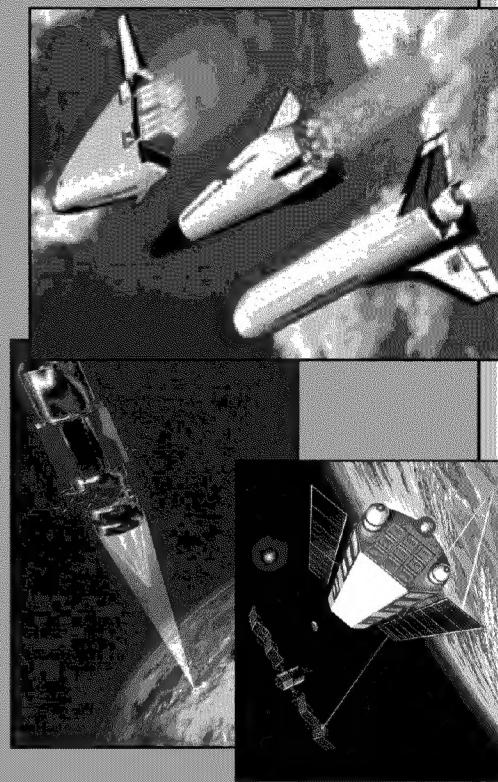
- Integrated Processes
- Architecture Focus
- Partner Early and Often
- Optimized Decisions, maximized national space power

## Linking Technology to Capabilities



# Summary

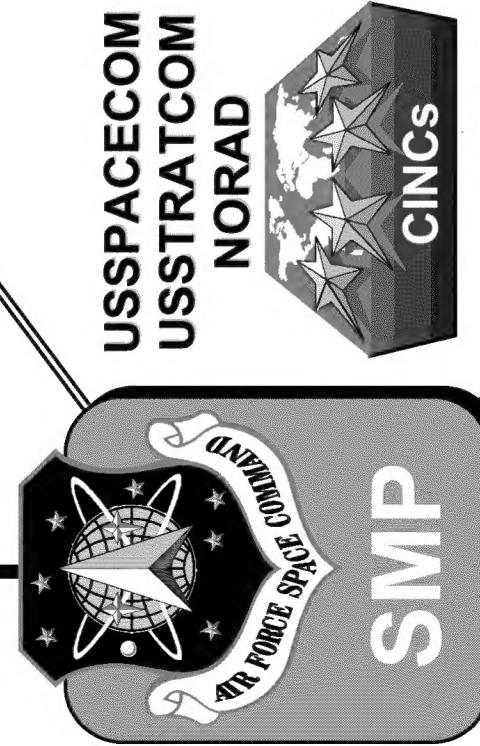
- Fiscally Doable Investment Roadmaps
- Guidance for POM/APOM, RD&A
- Bedrock for All Integration Efforts



8/7/2001



HQ AF



HQ AFMC

